

INTERNATIONAL SEARCH REPORT

International application No

PCT/NL 03/00875

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07C55/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 521 278 A (O'BRIEN WILLIAM G ET AL) 28 May 1996 (1996-05-28) the whole document -----	1-15
A	US 5 236 560 A (TARBELL JAMES V ET AL) 17 August 1993 (1993-08-17) cited in the application the whole document -----	1-15
A	US 5 023 350 A (BHATIA KAMLESH K) 11 June 1991 (1991-06-11) the whole document -----	1-15
A	US 5 117 008 A (KOSAK JOHN R ET AL) 26 May 1992 (1992-05-26) the whole document -----	1-15

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

20 August 2004

Date of mailing of the international search report

30/08/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.
Fax: (+31-70) 340-3016

Authorized officer

Fritz, M

INTERNATIONAL SEARCH REPORT

International application No

PCT/NL 03/00875

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 5521278	A	28-05-1996		AU 3235395 A BR 9508618 A CA 2197644 A1 DE 69507957 D1 DE 69507957 T2 EP 0777664 A1 JP 10504563 T WO 9606092 A1	14-03-1996 30-09-1997 29-02-1996 01-04-1999 21-10-1999 11-06-1997 06-05-1998 29-02-1996
US 5236560	A	17-08-1993		AU 3806993 A CA 2131788 A1 DE 69301817 D1 DE 69301817 T2 EP 0630371 A1 JP 7505150 T WO 9318020 A1	05-10-1993 16-09-1993 18-04-1996 19-09-1996 28-12-1994 08-06-1995 16-09-1993
US 5023350	A	11-06-1991		AU 640589 B2 AU 7775491 A CN 1056689 A DE 69125606 D1 DE 69125606 T2 EP 0531462 A1 IE 911766 A1 JP 5507076 T NZ 238234 A PL 166492 B1 PT 97750 A WO 9117986 A1	26-08-1993 10-12-1991 04-12-1991 15-05-1997 14-08-1997 17-03-1993 04-12-1991 14-10-1993 28-04-1992 31-05-1995 28-02-1992 28-11-1991
US 5117008	A	26-05-1992		AU 8959691 A CA 2093354 A1 CN 1060840 A EP 0565538 A1 IE 913695 A1 JP 6501481 T MX 9101701 A1 NZ 240299 A PT 99303 A WO 9206969 A1 US 5266706 A	20-05-1992 24-04-1992 06-05-1992 20-10-1993 22-05-1992 17-02-1994 01-01-1993 26-08-1992 30-09-1992 30-04-1992 30-11-1993